

STATEMENT OF BASIS (AI No. 38016)

for draft Louisiana Pollutant Discharge Elimination System permit No. LA0118991 to discharge to waters of the State of Louisiana.

THE APPLICANT IS: Intracoastal Seafood, Inc.
1016 N. Shireview Circle
Abbeville, Louisiana 70510

ISSUING OFFICE: Louisiana Department of Environmental Quality (LDEQ)
Office of Environmental Services
Post Office Box 4313
Baton Rouge, Louisiana 70821-4313

PREPARED BY: Michelle Bickham

DATE PREPARED: March 23, 2010

1. PERMIT STATUS**A. Reason For Permit Action:**

Permit reissuance of a Louisiana Pollutant Discharge Elimination System (LPDES) permit for a 5-year term

B. LPDES permits – LA0118991
LPDES permit effective date: June 1, 2004
LPDES permit expiration date: May 31, 2009

C. Date Application Received: January 28, 2010

2. FACILITY INFORMATION**A. FACILITY TYPE/ACTIVITY - shrimp dock facility**

Intracoastal Seafood, Inc. is an existing shrimp dock facility. Shrimp are unloaded from boats, sorted, and shipped to packaging plants for processing. The average amount of shrimp processed is approximately 15,000 pounds per day. The facility typically operates from May to December for approximately 15 (8-hour) days per month.

B. FEE RATE

1. Fee Rating Facility Type: minor
2. Complexity Type: II (BPJ to 0 points based on similar seafood facilities.)
3. Wastewater Type: II
4. SIC code: 2092

C. LOCATION - 25107 Pintail Avenue, Intracoastal City, Vermilion Parish
Latitude 29° 47' 05", Longitude 92° 09' 08"

Statement of Basis for
Intracoastal Seafood, Inc.,
LA0118991, AI No. 38016
Page 2

3. OUTFALL INFORMATION

Outfall 001

Discharge Type: shrimp rinse and dock washdown water
Treatment: none
Location: at the point of discharge from loading dock drain
Flow: intermittent
Discharge Route: Vermilion River

Outfall 002

Discharge Type: treated sanitary wastewater
Treatment: sewage treatment plant
Location: at the point of discharge from the sewage treatment plant
Flow: 200 gpd
Discharge Route: Vermilion River

4. RECEIVING WATERS

STREAM - Vermilion River

BASIN AND SEGMENT - Vermilion Teche Basin, Segment 060804

DESIGNATED USES -
a. primary contact recreation
b. secondary contact recreation
c. propagation of fish and wildlife

5. TMDL STATUS

303(d)/TMDL Status:

Subsegment 060804 is not listed on LDEQ's Final 2006 303(d) list as impaired. However, subsegment 060804 was previously listed as impaired for suspended solids/turbidity/siltation for which the below TMDL has been developed. The Department of Environmental Quality reserves the right to impose more stringent discharge limitations and/or additional restrictions in the future to maintain the water quality integrity and the designated uses of the receiving water bodies based upon additional TMDL's and/or water quality studies. The DEQ also reserves the right to modify or revoke and reissue this permit based upon any changes to established TMDL's for this discharge, or to accommodate for pollutant trading provisions in approved TMDL watersheds as necessary to achieve compliance with water quality standards.

The following TMDL has been established for subsegment 060804:

TSS, Turbidity and Siltation for the 15 Subsegments in the Vermilion River Basin

Suspended solids/turbidity/siltation are among the effluent characteristics listed for discharges of treated sanitary wastewater; however, as per the EPA's TMDL. Siltation for the 15 Subsegments in the Vermilion River Basin, point source loads are so small as to be insignificant, and because effective policies are in place to limit TSS discharges, no specific reductions from point sources are required. The TSS limits in the permit should protect against the further impairment of the receiving stream.

Statement of Basis for
Intracoastal Seafood, Inc.,
LA0118991, AI No. 38016
Page 3

6. CHANGES FROM PREVIOUS PERMIT

- The description for Outfall 001 has changed from shrimp rinse water to shrimp rinse water and dock washdown water. Additionally, the sampling point for this outfall has been changed from “at the point of discharge from the holding tank” to “at the point of discharge from the dock floor drain”
- The monitoring frequency for Outfall 001 has been increased from quarterly to once per two months.
- The monitoring frequency for Outfall 002 has been increased from semiannually to quarterly.
- The limits for Outfall 002 have been updated in accordance with the reissuance of the Class I Sanitary Discharge General Permit and the weekly average limits have been changed to daily max limits.
- BMP language for solids and washdown waters has been added to Other Conditions.

7. COMPLIANCE HISTORY/COMMENTS

There was an inspection at the facility on February 28, 2008. The inspection report said there was an unpermitted discharge from the floor drain and sanitary outfall. However, this facility has a current permit. As per a conversation with Daron Suggs (inspector) on March 11, 2010, the discharges noted in the inspection report are the ones covered in the permit. However, there is no holding tank (discharge from Outfall 001); this discharge goes from the dock area to a floor drain.

The facility has not submitted any DMR's. This facility will be referred to Enforcement.

8. EXISTING EFFLUENT LIMITS

Outfall 001 – shrimp rinse water

Parameter	LPDES	
	Monthly Average	Daily Maximum
Flow - mgd	Report quarterly Est.	Report quarterly Est.
Oil & Grease	---	Report quarterly Grab
BOD ₅	---	Report quarterly Grab
TSS	---	Report quarter Grab
pH	6.0 - 9.0 s.u. quarterly Grab	

Statement of Basis for
 Intracoastal Seafood, Inc.,
 LA0118991, AI No. 38016
 Page 4

Outfall 002 – treated sanitary wastewater

Parameter	LPDES	
	Monthly Average	Weekly Average
Flow - mgd	Report semiannually Est.	Report semiannually Est.
BOD ₅	---	45 mg/L semiannually Grab
TSS	---	45 mg/L semiannually Grab
Fecal Coliform	---	400 col./100 mL semiannually Grab
pH	6.0 - 9.0 s.u semiannually Grab	

9. ENDANGERED SPECIES

The receiving waterbody, Subsegment 060804 of the Vermilion Tche Basin is not listed in Section II.2 of the Implementation Strategy as requiring consultation with the U.S. Fish and Wildlife Service (FWS). This strategy was submitted with a letter dated January 5, 2010 from Rieck (FWS) to Nolan (LDEQ). Therefore, in accordance with the Memorandum of Understanding between the LDEQ and the FWS, no further informal (Section 7, Endangered Species Act) consultation is required. The effluent limitations established in the permit ensure protection of aquatic life and maintenance of the receiving water as aquatic habitat. Therefore, the issuance of the LPDES permit is not likely to have an adverse effect on any endangered or candidate species or the critical habitat.

10. HISTORIC SITES

The discharge is from an existing facility location, which does not include an expansion on undisturbed soils. Therefore, there should be no potential effect to sites or properties on or eligible for listing on the National Register of Historic Places, and in accordance with the "Memorandum of Understanding for the Protection of Historic Properties in Louisiana Regarding LPDES Permits" no consultation with the Louisiana State Historic Preservation Officer is required.

Statement of Basis for
Intracoastal Seafood, Inc.,
LA0118991, AI No. 38016
Page 5

11. TENTATIVE DETERMINATION

On the basis of preliminary staff review, the Department of Environmental Quality has made a tentative determination to issue a permit for the discharge described in the application.

12. PUBLIC NOTICES

Upon publication of the public notice, a public comment period shall begin on the date of publication and last for at least 30 days thereafter. During this period, any interested persons may submit written comments on the draft permit and may request a public hearing to clarify issues involved in the permit decision at this Office's address on the first page of the statement of basis. A request for a public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing.

Statement of Basis for
Intracoastal Seafood, Inc.,
LA0118991, AI No. 38016
Page 6

Public notice published in:

Local newspaper of general circulation

Office of Environmental Services Public Notice Mailing List

Statement of Basis for
Intracoastal Seafood, Inc.,
LA0118991, AI No. 38016
Page 7

Rationale for Intracoastal Seafood, Inc.

1. Outfall 001 - shrimp rinse and dock washdown water (estimated flow is intermittent)

Pollutant	Limitation		Reference
	Monthly Avg	Daily Max	
	mg/L		
Flow	Report	Report	
Oil & Grease	---	Report	Similar discharges* (BPJ), LAG530000
BOD ₅	---	Report	Similar discharges* (BPJ), LAG530000
TSS	---	Report	Similar discharges* (BPJ), LAG530000
pH, s.u.	6.0 (min)	9.0 (max)	Similar discharges* (BPJ), LAG530000

Treatment: none

Monitoring Frequency: twice per month for all parameters at the point of discharge from loading dock drain. The monitoring frequency is being increased from quarterly to once per two months because the facility has not submitted DMR's.

Limits Justification: Limits and monitoring frequencies are based on the previous permit, BPJ, and current guidance for similar discharges from other facilities.

This facility is not subject to the Seafood Processing Effluent Limitations Guidelines (ELGs): 40 CFR 408.122 - Subpart L (Southern Non-Breaded Shrimp, Subcategory - Best Practicable Control Technology Currently Available) which was promulgated in the Federal Register on December 1, 1975 because the facility does not process shrimp.

2. Outfall 002 – treated sanitary wastewater (estimated flow is 200 gpd)

Pollutant	Limitation		Reference
	Monthly Avg	Daily Max	
	mg/L		
Flow	---	Report	
BOD ₅	30	45	Similar discharges* (BPJ), LAG530000
TSS	30	45	Similar discharges* (BPJ), LAG530000
Fecal Coliform colonies/100ml	200	400	Similar discharges* (BPJ), LAG530000
pH, s.u.	6.0 (min)	9.0 (max)	Similar discharges* (BPJ), LAG530000

Treatment: sewage treatment plant

Monitoring Frequency: Quarterly for all parameters at the point of discharge from the sewage treatment plant prior to mixing with other waters. The monitoring frequency is being increased from semiannually to quarterly because the facility has not submitted DMR's.

Limits Justification: Limits and monitoring frequencies are based on current guidance for similar discharges from other industrial facilities and the Class I Sanitary Discharge General Permit, LAG530000 effective December 1, 2007.

Statement of Basis for
Intracoastal Seafood, Inc.,
LA0118991, AI No. 38016
Page 8

* Existing permits for similar outfalls
BPJ Best Professional Judgement
su Standard Units

NOTE

For outfalls containing concentration limits, the usage of concentration limits is based on BPJ for similar outfalls since the flow is variable and estimated.

STORM WATER POLLUTION PREVENTION PLAN (SWP3) REQUIREMENT

An SWP3 is included in the permit because in accordance with LAC 33:IX.2511.A.1, storm water discharges shall not be required to obtain an LPDES permit "... except... discharges associated with industrial activity." In accordance with LAC 33:IX.2511.B.14.a-k, facilities classified as SIC code 2092 are considered to have storm water discharges associated with industrial activity.

For first time permit issuance, the SWP3 shall be prepared, implemented, and maintained within six (6) months of the effective date of the final permit. **For renewal permit issuance**, the SWP3 shall be reviewed and updated, if necessary, within six (6) months of the effective date of the final permit. The plan should identify potential sources of storm water pollution and ensure the implementation of practices to prevent and reduce pollutants in storm water discharges associated with industrial activity at the facility (see Narrative Requirements for the AI).